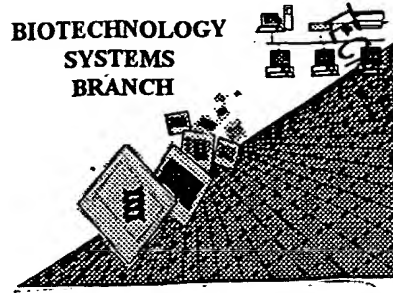


1632

BIOTECHNOLOGY
SYSTEMS
BRANCH

JAN 31 2002

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2-1-02
P.2

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/673,302
Source: OIPF
Date Processed by STIC: 1/16/2002

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER** VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom, including:

1. EFS-Bio (<http://www.uspto.gov/ebs/efs/downloads/documents.htm>), EFS Submission

User Manual - ePAVE)

2. U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202

3. Hand Carry directly to:

U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202

Or

U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202

4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

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JAN 31 2002
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SERIAL NUMBER: 09/673,302

AMC/MH - Biotechnology Systems Branch - 08/21/2001



OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/673,302

DATE: 01/16/2002
 TIME: 18:30:22

Input Set : A:\CO5043US.txt
 Output Set: N:\CRF3\01162002\I673302.raw

PP. 5, 3-4

3 <110> APPLICANT: COR Therapeutics, Inc.
 4 LAW, Deborah Ann
 5 PHILLIPS, David R.
 7 <120> TITLE OF INVENTION: Transgenic Mammals Expressing Mutant GPIIIa
 9 <130> FILE REFERENCE: 44481-5043-US
 11 <140> CURRENT APPLICATION NUMBER: US 09/673,302
 12 <141> CURRENT FILING DATE: 2001-03-23
 14 <150> PRIOR APPLICATION NUMBER: PCT/US99/08285
 15 <151> PRIOR FILING DATE: 1999-04-15
 17 <150> PRIOR APPLICATION NUMBER: US 60/115,516
 18 <151> PRIOR FILING DATE: 1998-04-15
 20 <160> NUMBER OF SEQ ID NOS: 8
 22 <170> SOFTWARE: PatentIn version 3.1
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 762
 26 <212> TYPE: PRT
 27 <213> ORGANISM: Homo sapiens
 29 <220> FEATURE:
 30 <221> NAME/KEY: misc_feature
 31 <223> OTHER INFORMATION: Glycoprotein IIIa
 34 <400> SEQUENCE: 1
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 37 1 5 10 15
 40 Leu Ala Val Ser Pro Met Cys Ala Trp Cys Ser Asp Glu Ala Leu Pro
 41 20 25 30
 44 Leu Gly Ser Pro Arg Cys Asp Leu Lys Glu Asn Leu Leu Lys Asp Asn
 45 35 40 45
 48 Cys Ala Pro Glu Ser Ile Glu Phe Pro Val Ser Glu Ala Arg Val Leu
 49 50 55 60
 52 Glu Asp Arg Pro Leu Ser Asp Lys Gly Ser Gly Asp Ser Ser Gln Val
 53 65 70 75 80
 56 Thr Gln Val Ser Pro Gln Arg Ile Ala Leu Arg Leu Arg Pro Asp Asp
 57 85 90 95
 60 Ser Lys Asn Phe Ser Ile Gln Val Arg Gln Val Glu Asp Tyr Pro Val
 61 100 105 110
 64 Asp Ile Tyr Tyr Leu Met Asp Leu Ser Tyr Ser Met Lys Asp Asp Leu
 65 115 120 125
 68 Trp Ser Ile Gln Asn Leu Gly Thr Lys Leu Ala Thr Gln Met Arg Lys
 69 130 135 140
 72 Leu Thr Ser Asn Leu Arg Ile Gly Phe Gly Ala Phe Val Asp Lys Pro
 73 145 150 155 160
 76 Val Ser Pro Tyr Met Tyr Ile Ser Pro Pro Glu Ala Leu Glu Asn Pro
 77 165 170 175

Does Not Comply
 Corrected Diskette Needed

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/673,302

DATE: 01/16/2002
TIME: 18:30:22

Input Set : A:\CO5043US.txt
Output Set: N:\CRF3\01162002\I673302.raw

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80 Cys Tyr Asp Met Lys Thr Thr Cys Leu Pro Met Phe Gly Tyr Lys His
81          180          185          190
84 Val Leu Thr Leu Thr Asp Gln Val Thr Arg Phe Asn Glu Glu Val Lys
85          195          200          205
88 Lys Gln Ser Val Ser Arg Asn Arg Asp Ala Pro Glu Gly Gly Phe Asp
89          210          215          220
92 Ala Ile Met Gln Ala Thr Val Cys Asp Glu Lys Ile Gly Trp Arg Asn
93 225          230          235          240
96 Asp Ala Ser His Leu Val Phe Thr Thr Asp Ala Lys Thr His Ile
97          245          250          255
100 Ala Leu Asp Gly Arg Leu Ala Gly Ile Val Gln Pro Asn Asp Gly Gln
101          260          265          270
104 Cys His Val Gly Ser Asp Asn His Tyr Ser Ala Ser Thr Thr Met Asp
105          275          280          285
108 Tyr Pro Ser Leu Gly Leu Met Thr Glu Lys Leu Ser Gln Lys Asn Ile
109          290          295          300
112 Asn Leu Ile Phe Ala Val Thr Glu Asn Val Val Asn Leu Tyr Gln Asn
113 305          310          315          320
116 Tyr Ser Glu Leu Ile Pro Gly Thr Thr Val Gly Val Leu Ser Met Asp
117          325          330          335
120 Ser Ser Asn Val Leu Gln Leu Ile Val Asp Ala Tyr Gly Lys Ile Arg
121          340          345          350
124 Ser Lys Val Glu Leu Glu Val Arg Asp Leu Pro Glu Glu Leu Ser Leu
125          355          360          365
128 Ser Phe Asn Ala Thr Cys Leu Asn Asn Glu Val Ile Pro Gly Leu Lys
129          370          375          380
132 Ser Cys Met Gly Leu Lys Ile Gly Asp Thr Val Ser Phe Ser Ile Glu
133 385          390          395          400
136 Ala Lys Val Arg Gly Cys Pro Gln Glu Lys Glu Lys Ser Phe Thr Ile
137          405          410          415
140 Lys Pro Val Gly Phe Lys Asp Ser Leu Ile Val Gln Val Thr Phe Asp
141          420          425          430
144 Cys Asp Cys Ala Cys Gln Ala Gln Ala Glu Pro Asn Ser His Arg Cys
145          435          440          445
148 Asn Asn Gly Asn Gly Thr Phe Glu Cys Gly Val Cys Arg Cys Gly Pro
149          450          455          460
152 Gly Trp Leu Gly Ser Gln Cys Glu Cys Ser Glu Glu Asp Tyr Arg Pro
153 465          470          475          480
156 Ser Gln Gln Asp Glu Cys Ser Pro Arg Glu Gly Gln Pro Val Cys Ser
157          485          490          495
160 Gln Arg Gly Glu Cys Leu Cys Gly Gln Cys Val Cys His Ser Ser Asp
161          500          505          510
164 Phe Gly Lys Ile Thr Gly Lys Tyr Cys Glu Cys Asp Asp Phe Ser Cys
165          515          520          525
168 Val Arg Tyr Lys Gly Glu Met Cys Ser Gly His Gly Gln Cys Ser Cys
169          530          535          540
172 Gly Asp Cys Leu Cys Asp Ser Asp Trp Thr Gly Tyr Tyr Cys Asn Cys
173 545          550          555          560
176 Thr Thr Arg Thr Asp Thr Cys Met Ser Ser Asn Gly Leu Leu Cys Ser

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/673,302

DATE: 01/16/2002
TIME: 18:30:22

Input Set : A:\CO5043US.txt
Output Set: N:\CRF3\01162002\I673302.raw

```

177          565          570          575
180 Gly Arg Gly Lys Cys Glu Cys Gly Ser Cys Val Cys Ile Gln Pro Gly
181          580          585          590
184 Ser Tyr Gly Asp Thr Cys Glu Lys Cys Pro Thr Cys Pro Asp Ala Cys
185          595          600          605
188 Thr Phe Lys Lys Glu Cys Val Glu Cys Lys Lys Phe Asp Arg Gly Ala
189          610          615          620
192 Leu His Asp Glu Asn Thr Cys Asn Arg Tyr Cys Arg Asp Glu Ile Glu
193 625          630          635          640
196 Ser Val Lys Glu Leu Lys Asp Thr Gly Lys Asp Ala Val Asn Cys Thr
197          645          650          655
200 Tyr Lys Asn Glu Asp Asp Cys Val Val Arg Phe Gln Tyr Tyr Glu Asp
201          660          665          670
204 Ser Ser Gly Lys Ser Ile Leu Tyr Val Val Glu Glu Pro Glu Cys Pro
205          675          680          685
208 Lys Gly Pro Asp Ile Leu Val Val Leu Leu Ser Val Met Gly Ala Ile
209          690          695          700
212 Leu Leu Ile Gly Leu Ala Ala Leu Leu Ile Trp Lys Leu Leu Ile Thr
213 705          710          715          720
216 Ile His Asp Arg Lys Glu Phe Ala Lys Phe Glu Glu Glu Arg Ala Arg
217          725          730          735
220 Ala Lys Trp Asp Thr Ala Asn Asn Pro Leu Tyr Lys Glu Ala Thr Ser
221          740          745          750
224 Thr Phe Thr Asn Ile Thr Tyr Arg Gly Thr
225          755          760
228 <210> SEQ ID NO: 2
229 <211> LENGTH: 66
230 <212> TYPE: PRT
231 <213> ORGANISM: Mus musculus
233 <220> FEATURE:
234 <221> NAME/KEY: misc_feature
235 <223> OTHER INFORMATION: Segment of GPIIIa beta-3 subunit
238 <220> FEATURE:
239 <221> NAME/KEY: misc_feature
240 <222> LOCATION: (41)..(66)
241 <223> OTHER INFORMATION: Xaa may be present or missing and may be any variable
244 <400> SEQUENCE: 2
246 Lys Leu Leu Leu Thr Thr His Asp Arg Lys Glu Phe Ala Lys Phe Glu
247 1          5          10          15
250 Glu Glu Arg Ala Arg Ala Lys Trp Asp Thr Ala Asn Asn Pro Leu Tyr
251          20          25          30
W--> 254 Lys Glu Ala Thr Ser Thr Phe Thr Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
255          35          40          45
258 Asn Ile Thr Tyr Arg Gly Thr Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
259          50          55          60
W--> 262 Xaa Xaa (
263 65
266 <210> SEQ ID NO: 3
267 <211> LENGTH: 66

```

*all items on
Error
Summary
Sheet*

*variable
length is
invalid*

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/673,302

DATE: 01/16/2002
 TIME: 18:30:22

Input Set : A:\CO5043US.txt
 Output Set: N:\CRF3\01162002\I673302.raw

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268 <212> TYPE: PRT
269 <213> ORGANISM: Mus musculus
271 <220> FEATURE:
272 <221> NAME/KEY: misc_feature
273 <223> OTHER INFORMATION: Segment of GPIIIa beta-6 subunit
276 <220> FEATURE:
277 <221> NAME/KEY: misc_feature
278 <222> LOCATION: (41)..(48)
279 <223> OTHER INFORMATION: Xaa may be present or missing and may be any variable
282 <400> SEQUENCE: 3
284 Lys Leu Leu Val Ser Phe His Asp Arg Lys Glu Val Ala Lys Phe Glu
285 1 5 10 15
288 Ala Glu Arg Ser Lys Ala Lys Trp Gln Thr Gly Thr Asn Pro Leu Tyr
289 20 25 30
W--> 292 Arg Gly Ser Thr Ser Thr Phe Lys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
293 35 40 45
296 Asn Val Thr Tyr Lys His Arg Glu Lys Gln Lys Val Asp Leu Ser Thr
297 50 55 60
300 Asp Cys
301 65
304 <210> SEQ ID NO: 4
305 <211> LENGTH: 66
306 <212> TYPE: PRT
307 <213> ORGANISM: Mus musculus
309 <220> FEATURE:
310 <221> NAME/KEY: misc_feature
311 <223> OTHER INFORMATION: Segment of GPIIIa beta-1 subunit
314 <220> FEATURE:
315 <221> NAME/KEY: misc_feature
316 <222> LOCATION: (41)..(66)
317 <223> OTHER INFORMATION: Xaa may be present of missing and may be any variable
320 <400> SEQUENCE: 4
322 Lys Leu Leu Met Leu Ile His Asp Arg Arg Glu Glu Ala Lys Glu Glu
323 1 5 10 15
326 Lys Glu Lys Met Asn Ala Lys Trp Asp Thr Gly Glu Asn Pro Ile Tyr
327 20 25 30
W--> 330 Lys Ser Ala Val Thr Thr Val Val Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
331 35 40 45
W--> 334 Asn Pro Lys Tyr Glu Gly Lys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
335 50 55 60
W--> 338 Xaa Xaa
339 65
342 <210> SEQ ID NO: 5
343 <211> LENGTH: 66
344 <212> TYPE: PRT
345 <213> ORGANISM: Mus musculus
347 <220> FEATURE:
348 <221> NAME/KEY: misc_feature
349 <223> OTHER INFORMATION: Segment of GPIIIa beta-5 subunit

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/673,302

DATE: 01/16/2002
TIME: 18:30:22

Input Set : A:\CO5043US.txt
Output Set: N:\CRF3\01162002\I673302.raw

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352 <220> FEATURE:
353 <221> NAME/KEY: misc_feature
354 <222> LOCATION: (58)..(66)
355 <223> OTHER INFORMATION: Xaa may be present or missing and may be any variable
358 <400> SEQUENCE: 5
360 Lys Leu Leu Val Thr Ile His Asp Arg Arg Glu Phe Ala Lys Phe Gln
361 1 5 10 15
364 Ser Glu Arg Ser Arg Ala Arg Tyr Glu Met Ala Ser Asn Pro Leu Tyr
365 20 25 30
368 Arg Lys Pro Ile Ser Thr His Thr Val Asp Phe Thr Phe Asn Lys Phe
369 35 40 45
W--> 372 Asn Lys Ser Tyr Asn Gly Thr Val Asp Xaa Xaa Xaa Xaa Xaa Xaa Xaa
373 50 55 60
W--> 376 Xaa Xaa
377 65
380 <210> SEQ ID NO: 6
381 <211> LENGTH: 66
382 <212> TYPE: PRT
383 <213> ORGANISM: Mus musculus
385 <220> FEATURE:
386 <221> NAME/KEY: misc_feature
387 <223> OTHER INFORMATION: Segment of GPIIIa beta-2 subunit
390 <220> FEATURE:
391 <221> NAME/KEY: misc_feature
392 <222> LOCATION: (28)..(66)
393 <223> OTHER INFORMATION: Xaa may be present or missing and may be any variable
396 <400> SEQUENCE: 6
398 Lys Ala Leu Thr His Leu Ser Asp Leu Arg Glu Tyr Arg Arg Phe Glu
399 1 5 10 15
W--> 402 Lys Glu Lys Leu Lys Ser Gln Trp Asn Asn Asp Xaa Asn Pro Leu Phe
403 20 25 30
W--> 406 Lys Ser Ala Thr Thr Thr Val Met Xaa Xaa Xaa Xaa Xaa Xaa Xaa
407 35 40 45
W--> 410 Asn Pro Lys Phe Ala Glu Ser Xaa Xaa Xaa Xaa Xaa Xaa Xaa
411 50 55 60
W--> 414 Xaa Xaa
415 65
418 <210> SEQ ID NO: 7
419 <211> LENGTH: 66
420 <212> TYPE: PRT
421 <213> ORGANISM: Mus musculus
423 <220> FEATURE:
424 <221> NAME/KEY: misc_feature
425 <223> OTHER INFORMATION: Segment of GPIIIa beta-7 subunit
428 <220> FEATURE:
429 <221> NAME/KEY: misc_feature
430 <222> LOCATION: (41)..(66)
431 <223> OTHER INFORMATION: Xaa may be present or missing and may be any variable
434 <400> SEQUENCE: 7

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Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

f31 -)

Please
correct
this error
in seq. 8, if
shown 1/16/02

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/673,302

DATE: 01/16/2002
TIME: 18:30:23

Input Set : A:\CO5043US.txt
Output Set : N:\CRF3\01162002\I673302.raw

L:254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:292 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:330 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:334 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:372 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:376 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:410 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:414 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:444 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:448 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:452 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:472 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:476 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:484 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:488 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8